

RAINBOW 200 HF

RAINBOW 200 HF represents the latest evolution of inverter technology DC welding machines for professional applications. Equipped with a digital control, these powerful 100 kHz power sources, based on the very latest IGBT technology and fitted with flat transformer, can be used for TIG welding of any metal, excluding aluminium and its alloys. This power source also very well performing in MMA welding, due to their lightness and portability, are the ideal solution for excellent quality welding in maintenance, assembly and light fabrication works.

Main Features

EASY PULSE (RAINBOW 200 HF)

"EASY PULSE" feature, in function of the chosen peak current, will synergically generate, in a simple and automatic way, both an adequate pulse frequency (between 0.5 and 500 Hz) and a base current.

Pulse parameter values preselected in the control will save setting time, by ensuring the best possible pulse parameter combinations, ideal for less skilled welders/operators.

Features

- ◆ Precise and efficient TIG arc striking by high frequency
- ◆ IP 23 protection class and dust-proof electronic components, thanks to the innovative "Tunnel" fan cooling system, allow their use in the toughest work environments
- ◆ Automatic compensation for mains voltage within +15%-20%
- ◆ Low energy consumption and high efficiency
- ◆ Innovative and compact design
- ◆ Robust handle integrated into the chassis
- ◆ High performance on thin metal sheets



CYCLE (RAINBOW 200HF)

"CYCLE" function allows, by simply pressing the torch trigger, to continuously switch between two current values, previously preselected. This function is most suitable for welding different thickness profiles, requiring a continuous current adjustment change.

- ◆ Sloping front control panel, easy to read and adjust and highly visible from any direction
- ◆ Control panel protected against accidental impact
- ◆ Standard equipped with pulse mode integrated into the control with available "EASY PULSE facility (RAINBOW 200 HF)
- ◆ Digital control of all welding parameters with the possibility of storing 9 personalised programs (RAINBOW 200 HF)
- ◆ Reduced weight and dimensions, easy-to-carry
- ◆ Shock-proof fibre compound main structure

Accessories (Included)

- ◆ Welding cable including earth clip
- ◆ TIG torch

Optional Accessories

- ◆ Electrode holder and welding cable
- ◆ Argon regulator
- ◆ Auto-Darkening Welding Helmet

TECHNICAL DATA		RAINBOW 200 HF	
		TIG DC	MMA
Single Phase Input 50/60 Hz	V	230	230
Input Power @ I ² Max	kVA	8,5	9,0
Delayed Fuse (I ² @ 100%)	A	20	20
Power Factor / cos j		0,60 / 0,99	0,60 / 0,99
Efficiency Degree		0,71	0,71
Open Circuit Voltage	V	88	88
Current Range	A	5 - 200	5 - 160
Duty Cycle at (40°C)	100% A	110	105
	60% A	130	125
	35% A	200 (20%)	160 (30%)
Standards		EN 60974-1	EN 50199
Protection Class		23	
Insulation Class		F	
Weight (kg)		7.5	
Dimensions (mm) W x D x H		390 x 135 x 300	